## **IN THE CLAIMS**

- 1-10 (Canceled).
- 11. (Previously Presented) The method according to Claim 20, wherein the guanylhydrazone-substituted compound is CNI-1493.
  - 12. (Canceled).
- 13. (Previously Presented) The method according to Claim 11, wherein the disease or disorder is modulated by inhibiting signaling along a pathway within the cascade.
- 14. (Previously Presented) The method according to Claim 11, further comprising administering an additional therapeutic agent.
- 15. (Previously Presented) The method according to Claim 14, wherein the additional therapeutic agent is an anti-viral agent.
- 16. (Previously Presented) The method according to Claim 14, wherein the additional therapeutic agent is a reverse transcriptase inhibitor.
- 17. (Previously Presented) The method according to Claim 14, wherein the additional therapeutic agent is an HIV protease inhibitor.
- 18. (Previously Presented) The method according to Claim 14, wherein the additional therapeutic agent is a preintegration complex inhibitor.
- 19. (Previously Presented) The method according to Claim 20, wherein the disease or disorder is modulated by inhibiting signaling along a pathway through p38 MAP kinase within the cascade.

- 20. (Previously Presented) A method for treating HIV, comprising administering an effective HIV-treating amount of a guanylhydrazone-substituted compound to a subject known to have HIV.
- 21. (New) The method according to Claim 20, wherein the guanylhydrazonesubstituted compound has the formula:

wherein  $X_2$  = GhyCH-, GhyCCH<sub>3</sub>- or H-;  $X_1$ ,  $X'_1$  and  $X'_2$  independently = GhyCH- or GhyCCH<sub>3</sub>-; Z= -NH(CO)NH-, -(C<sub>6</sub>H<sub>4</sub>)-, -(C<sub>5</sub>NH<sub>3</sub>)- or -A-(CH<sub>2</sub>)<sub>n</sub>-A-, n=2-10, which is unsubstituted, mono- or di-C-methyl substituted, or a mono or di-unsaturated derivative thereof; and A independently = -NH(CO)-, -(CO)NH-, -NH(CO)NH-, -NH- or -O-; and salts thereof.

22. (New) The method according to Claim 20, wherein the guanylhydrazone-substituted compound has the formula:

$$X_1$$
 $X_2$ 
 $X_2$ 
 $X_2$ 
 $X_2$ 

wherein  $X_1$  and  $X_2 = H$ ;  $X'_1$  and  $X'_2$  independently = GhyCH- or GhyCCH<sub>3</sub>-;  $Z = -A-(CH_2)_n$ -A-, n = 3-8; and A = -NH(CO)-, -(CO)NH- or -NH(CO)NH-; and salts thereof.

23. (New) The method according to Claim 20, wherein the guanylhydrazone-substituted compound has the formula:

wherein  $X_1$ , and  $X_2 = H$ ;  $X'_1$  and  $X'_2$  independently = GhyCH- or GhyCCH<sub>3</sub>-, and  $Z = -O-(CH_2)_2-O-$ .

24. (New) The method according to Claim 20, wherein the guanylhydrazone-substituted compound has the formula:

wherein  $X_2$  = GhyCH-, GhyCCH<sub>3</sub>- or H-;  $X_1$ ,  $X'_1$  and  $X'_2$  = GhyCH- or GhyCCH<sub>3</sub>-; and Z = -O-(CH<sub>2</sub>)<sub>n</sub>-O-, n = 2-10, and salts thereof.

25. (New) The method according to Claim 20, wherein the guanylhydrazone-substituted compound has the formula:

$$\begin{array}{c|c} X_1 & & & \\ & & \\ & & \\ X_2 & & \\ \end{array}$$

wherein n=3-8;  $X_2$  and  $X'_2$  = GhyCH-, GhyCCH<sub>3</sub>- or H-;  $X_1$  and  $X'_1$  = GhyCH- or GhyCCH<sub>3</sub>-; and salts thereof.